

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 1. (Currently amended) A system for enabling components to transfer
2 data between each other, the system comprising:
3 a plurality of components including a first component having a universal
4 data transfer interface; and
5 a second component capable of invoking the universal data transfer
6 interface to cause a data transfer session object to be sent to at least one of the
7 plurality of components, wherein the data transfer session object is capable of
8 being invoked by the at least one of the plurality of components to transfer data
9 between the first component and the at least one of the plurality of components,
10 wherein the data transfer session object comprises instructions to enable the first
11 component or the at least one of the plurality of components to negotiate with
12 each other to select a transfer medium to use to transfer data based upon the type
13 of data.

1 2. (Previously presented) The system as set forth in claim 1 wherein the at
2 least one of the plurality of components comprises the second component or a
3 third component.

1 3. (Previously presented) The system as set forth in claim 1 wherein the at
2 least one of the plurality of components sends a second data transfer session
3 object to the first component to be used by the first component for receiving data

4 transmitted from the at least one of the plurality of components.

1 4. (Previously presented) The system as set forth in claim 1 wherein the at
2 least one of the plurality of components receives the data transfer session object
3 from the first component to be used by the at least one of the components for
4 receiving data transmitted from the first component.

1 5. (Previously presented) The system as set forth in claim 1 wherein the
2 universal data transfer interface and the data transfer session object have source-
3 specific object- oriented mobile code that can be interpreted and performed by the
4 first component or the at least one of the plurality of components.

1 6. (Currently amended) The system as set forth in claim 1 wherein the data
2 transfer session object comprises instructions to enable the first component or the
3 at least one of the plurality of components to negotiate with each other to transfer
4 data, to select a communications protocol configured to transfer data between
5 each other based upon a type of data to be transferred ~~or to select a transfer~~
6 ~~medium to use to transfer data based upon the type of data.~~

1 7. (Previously presented) The system as set forth in claim 1 wherein the
2 data transfer session object is configured to indicate completion responsive to
3 expiration of a data transfer lease by the first component or by the at least one of
4 the plurality of components or responsive to the first component or to the at least
5 one of the plurality of components indicating that the data transfer has completed
6 or failed.

1 8. (Original) A system for enabling components to transfer data between
2 each other, the system comprising:

3 a first component having a first universal data transfer interface;
4 a second component having a second universal data transfer interface; and
5 a third component invoking the first universal data transfer interface and
6 the second universal data transfer interface to use a data transfer session object to
7 transfer data between the first component and the second component.

1 9. (Original) The system as set forth in claim 8 wherein the third
2 component sends the data transfer session object to the first component to be used
3 by the first component for receiving data transmitted from the second component.

1 10. (Previously presented) The system as set forth in claim 8 wherein the
2 third component sends the data transfer session object to the second component to
3 be used by the second component for receiving data transmitted from the first
4 component.

1 11. (Previously presented) The system as set forth in claim 8 wherein the
2 data transfer session object is configured to indicate completion responsive to
3 expiration of a data transfer lease by the first component or the at least one of the
4 plurality of components, or responsive to the first component or the at least one of
5 the plurality of components indicating that the data transfer has completed or
6 failed.

1 12. (Currently amended) A method for enabling a plurality of
2 components to transfer data between each other, the method comprising:
3 invoking, with a second component, a universal data transfer interface of a
4 first component of a plurality of components to cause a data transfer session
5 object to be sent to at least one of the plurality of components; and

6 invoking the data transfer session object with the at least one of the
7 plurality of components to transfer data between the first component and the at
8 least one of the plurality of components, wherein the data transfer session object
9 comprises instructions to enable the first component or the at least one of the
10 plurality of components to negotiate with each other to select a transfer medium to
11 use to transfer data based upon the type of data.

1 13. (Previously presented) The method as set forth in claim 12 wherein the
2 at least one of the plurality of components comprises the second component or a
3 third component.

1 14. (Previously presented) The method as set forth in claim 12 further
2 comprising sending a second data transfer session object to the first component to
3 be used by the first component for receiving data transmitted from the at least one
4 of the plurality of components.

1 15. (Original) The method as set forth in claim 12 further comprising
2 receiving the data transfer session object from the first component to be used by
3 the at least one of the components for receiving data transmitted from the first
4 component.

1 16. (Previously presented) The method as set forth in claim 12 wherein the
2 universal data transfer interface and the data transfer session object have source-
3 specific object-oriented mobile code that can be interpreted and performed by the
4 first component or the at least one of the plurality of components.

1 17. (Currently amended) The method as set forth in claim 12 wherein the
2 data transfer session object comprises instructions to enable the first component or

3 the at least one of the plurality of components to negotiate with each other to
4 transfer data, to select a communications protocol configured to transfer data
5 between each other based upon a type of data to be transferred ~~or to select a~~
6 ~~transfer medium to use to transfer data based upon the type of data.~~

1 18. (Previously presented) The method as set forth in claim 12 further
2 comprising configuring the data transfer session object to indicate completion
3 responsive to expiration of a data transfer lease by the first component or by the at
4 least one of the plurality of components, or responsive to the first component or to
5 the at least one of the plurality of components indicating that the data transfer has
6 completed or failed.

1 19. (Previously presented) A method for enabling components to
2 transfer data between each other, the method comprising:
3 invoking a first universal data transfer interface of a first component and a
4 second universal data transfer interface of a second component;
5 obtaining a data transfer session object from one of the invoked first
6 universal data transfer interface or the second universal data transfer interface; and
7 using the data transfer session object to transfer data between the first
8 component and the second component.

1 20. (Original) The method as set forth in claim 19 further comprising
2 sending the data transfer session object to the first component to be used by the
3 first component for receiving data transmitted from the second component.

1 21. (Previously presented) The method as set forth in claim 19 further
2 comprising sending the data transfer session object to the second component to be
3 used by the second component for receiving data transmitted from the first

4 component.

1 22. (Previously presented) The method as set forth in claim 19 further
2 comprising configuring the data transfer session object to indicate completion
3 responsive to expiration of a data transfer lease by the first component or by the at
4 least one of the plurality of components, or responsive to the first component or to
5 the at least one of the plurality of components indicating that the data transfer has
6 completed or failed.

1 23. (Currently amended) A computer readable medium having stored
2 thereon instructions for enabling components to transfer data between each other,
3 which when executed by one or more processors, causes the processors to
4 perform:

5 invoking, with a second component, a universal data transfer interface of a
6 first component of a plurality of components to cause a data transfer session
7 object to be sent to at least one of the plurality of components; and

8 invoking the data transfer session object with the at least one of the
9 plurality of components to transfer data between the first component and the at
10 least one of the plurality of components, wherein the data transfer session object
11 comprises instructions to enable the first component or the at least one of the
12 plurality of components to negotiate with each other to select a transfer medium to
13 use to transfer data based upon the type of data.

1 24. (Previously presented) The medium as set forth in claim 23 wherein
2 the at least one of the plurality of components comprises the second component or
3 a third component.

1 25. (Previously presented) The medium as set forth in claim 23 further

2 comprising sending a second data transfer session object to the first component to
3 be used by the first component for receiving data transmitted from the at least one
4 of the plurality of components.

1 26. (Original) The medium as set forth in claim 23 further comprising
2 receiving the data transfer session object from the first component to be used by
3 the at least one of the components for receiving data transmitted from the first
4 component.

1 27. (Previously presented) The medium as set forth in claim 23 wherein
2 the universal data transfer interface and the data transfer session object have
3 source-specific object-oriented mobile code that can be interpreted and performed
4 by the first component or the at least one of the plurality of components.

1 28. (Currently amended) The medium as set forth in claim 23 wherein the
2 data transfer session object comprises instructions to enable the first component or
3 the at least one of the plurality of components to negotiate with each other to
4 transfer data, to select a communications protocol configured to transfer data
5 between each other based upon a type of data to be transferred ~~or to select a~~
6 ~~transfer medium to use to transfer data based upon the type of data.~~

1 29. (Previously presented) The medium as set forth in claim 23 further
2 comprising configuring the data transfer session object to indicate completion
3 responsive to expiration of a data transfer lease by the first component or by the at
4 least one of the plurality of components, or responsive to the first component or to
5 the at least one of the plurality of components indicating that the data transfer has
6 completed or failed.

1 30. (Previously presented) A computer readable medium having stored
2 thereon instructions for enabling components to transfer data between each other,
3 which when executed by one or more processors, causes the processors to
4 perform:
5 invoking a first universal data transfer interface of a first component and a
6 second universal data transfer interface of a second component;
7 obtaining a data transfer session object from one of the invoked first
8 universal data transfer interface or the second universal data transfer interface; and
9 using the data transfer session object to transfer data between the first
10 component and the second component.

1 31. (Original) The medium as set forth in claim 30 further comprising
2 sending the data transfer session object to the first component to be used by the
3 first component for receiving data transmitted from the second component.

1 32. (Previously presented) The medium as set forth in claim 30 further
2 comprising sending the data transfer session object to the second component to be
3 used by the second component for receiving data transmitted from the first
4 component.

1 33. (Previously presented) The medium as set forth in claim 30 further
2 comprising configuring the data transfer session object to indicate completion
3 responsive to expiration of a data transfer lease by the first component or by the at
4 least one of the plurality of components, or responsive to the first component or to
5 the at least one of the plurality of components indicating that the data transfer has
6 completed or failed.